

20020712.qrp v02_n614.qrl.20020712

Date: Fri, 12 Jul 2002 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2614

QRP-L Digest 2614

Topics covered in this issue include:

- 1) [129599] Re: Multi-band vertical fed with ladderline: radials
by Bill ROWLETT <kc4atu@yahoo.com>
- 2) [129600] Items FS or Trade **SOLD**
by "N3BJ" <N3BJ@hotmail.com>
- 3) [129601] Re: Multi-band vertical fed with ladderline: radials
by "Karl F. Larsen" <k5di@zianet.com>
- 4) [129602] Re: Feed line switching
by "Dave Martin" <k2zu@seanet.com>
- 5) [129603] WTB: SSTs for Project
by "N3BJ" <N3BJ@hotmail.com>
- 6) [129604] [CONTEST] N2CQ QRP Contest Calendar - July 11-31
by "Ken Newman" <n2cq@dandy.net>
- 7) [129605] Re: Rock Mite available?
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 8) [129606] Re: Rock-mite tin
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 9) [129607] Re: Rock-mite tin
by Dave Richards <wr3i@earthlink.net>
- 10) [129608] Re: Rock Mites spawning tonite?
by "ss lyon" <sslyon@megalink.net>
- 11) [129609] Re: Multi-band vertical fed with ladderline: radials
by William R Colbert <w5xe@juno.com>
- 12) [129610] 1N5711, which brand to buy?
by "Rod N0RC" <rod@n0rc.us>
- 13) [129611] Swtches for parallel lines
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 14) [129612] The critical distance between the ground plane and the bottom of a
quarter wave vertical element
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 15) [129613] re: Rock-mite tins
by "Rod N0RC" <rod@n0rc.us>
- 16) [129614] Carolina Windom 80 Wanted
by "Mike Duke, K5XU" <k5xu@netdoor.com>
- 17) [129615] Re: tonight,s Foxiis
by Fred Lesnick <flesnick@tbaytel.net>
- 18) [129616] RE:Foxiis
by Fred Lesnick <flesnick@tbaytel.net>

- 19) [129617] Re: Foxiis
by Paul Womble <pwomble1@tampabay.rr.com>
- 20) [129618] RE:Foxiis
by Chris Cartwright <ccart@phideaux.com>
- 21) [129619] Re: Foxiis
by Dave Gingrich K9DC <gingrich2@dcg.org>
- 22) [129620] Cutting PCBoard - survey says ...
by VE3JC John Cumming <jbcumming@wwdc.com>
- 23) [129621] RE:Foxiis
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 24) [129622] New tin - Be on the lookout
by "Brian" <brian@iquest.net>
- 25) [129623] FOX: Score!!!
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 26) [129624] Re: Foxiis
by "Rod N0RC" <rod@n0rc.us>
- 27) [129625] Rock Mite-7040 Crowded...
by "ss lyon" <sslyon@megalink.net>
- 28) [129626] Re: Fox hunt
by Fred Lesnick <flesnick@tbaytel.net>
- 29) [129627] FOX worked Tom
by "Karl F. Larsen" <k5di@zianet.com>
- 30) [129628] Shears
by Chuck Adams <k7qo@earthlink.net>
- 31) [129629] FOX: Truffle and Foxii for 7/11/02
by "Dave WR50" <dendav@dzdn.com>
- 32) [129630] RE: Shears
by "Kory Hamzeh" <kory@avatar.com>
- 33) [129631] Re: Morse encoding techniques
by bejones@hursley.ibm.com
- 34) [129632] Re: Foxiis
by Bill Coleman <aa4lr@arrl.net>
- 35) [129633] Re: New tin - Be on the lookout
by "Mike Yetsko" <myetsko@insydesw.com>
- 36) [129634] invisible wire?
by David Hinerman <WD8CIV@worldnet.att.net>
- 37) [129635] [EVENT] Summits On The Air (SOTA) - July 13-14
by "Ken Newman" <n2cq@dandy.net>
- 38) [129636] Fox: KV2X Fox Log 20020712 UTC
by Thomas Jennings <jennings@eznet.net>
- 39) [129637] Re: invisible wire?
by Jake Brodsky <frussle@erols.com>
- 40) [129638] Re: Multi-band vertical fed with ladderline: radials
by Gary Slagel <gdslagel@yahoo.com>
- 41) [129639] invisible wire summary
by David Hinerman <WD8CIV@worldnet.att.net>
- 42) [129640] Re: invisible wire summary
by "Steve Lawrence" <Steve.Lawrence@itwfeg.com>

- 43) [129641] Re: Multi-band vertical fed with ladderline: radials
by David Heintzleman <pstrdave@kdsi.net>
- 44) [129642] Re: invisible wire?
by "Leon Heller" <leon_heller@hotmail.com>
- 45) [129643] Fox - Summer Hunt Teams Results
by Bruce Rattray <rattray@gpfn.sk.ca>
- 46) [129644] Fox - Summer Hunt Teams Results.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 47) [129645] Ft Tuthill
by "Gary Evans" <myrthus@email.msn.com>
- 48) [129646] Iota's last night
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 49) [129647] slow code net?
by "Mullin, Edward J." <mulline@tycoelectronics.com>
- 50) [129648] kassas city
by Bill ROWLETT <kc4atu@yahoo.com>
- 51) [129649] Riddle me a Rock-Mite
by Jim Cluett <w1pid@yahoo.com>
- 52) [129650] FOX-- Last Night's Hunt
by "Marshall Emm" <mgemm@mtechnologies.com>
- 53) [129651] YAFI-QQ
by "Jeff Davis" <ke9v@att.net>
- 54) [129652] Ugly weekender
by "Juanjo Pastor" <ec5aca@wanadoo.es>
- 55) [129653] Zack Lau DC tribander
by "Juanjo Pastor" <ec5aca@wanadoo.es>
- 56) [129654] Re: Riddle me a Rock-Mite
by David Hinerman <WD8CIV@worldnet.att.net>
- 57) [129655] Does anybody have 40 meter crystals for sale?
by "Ronald Davis" <RDavis24@carolina.rr.com>
- 58) [129656] RE: Does anybody have 40 meter crystals for sale?
by "Alverson, Thomas M." <TomA@xetron.com>
- 59) [129657] MFJ-971 TUNER MOD.
by w0yse@juno.com
- 60) [129658] Re: Does anybody have 40 meter crystals for sale?
by Jim Larsen - AL7FS <AL7FS@arrl.net>
- 61) [129659] Re: Carolina Windom 80 Wanted
by "Walt Amos" <k8cv@netzero.net>
- 62) [129660] Re: Does anybody have 40 meter crystals for sale?
by "blinn" <blinn@smgazette.com>
- 63) [129661] RE: Does anybody have 40 meter crystals for sale?
by Conrad Weiss <radman@best.com>

Date: Thu, 11 Jul 2002 16:20:36 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: Nico.Vertriest@pandora.be,

Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129599] Re: Multi-band vertical fed with ladderline: radials
Message-ID: <20020711232036.32811.qmail@web14204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

If I remember, There is a design in several books showing a vertical quarter wave for 40m with a horizontal wire at its base, also a quarter wave on 40m, and the whole mess feed with 450ohm line. A 40m dipole with one half vertical, no radials and 10m to 40m coverage. Thats a total of seven bands, not bad for a very simple ant. The design showed the vertical section sitting on a glass coke bottle as a base insulater with one set of guys to keep it vertical. It was mounted on the peak of a roof, just sitting on an inverted wooded u shape bracket.

Simple, seven bands, no stinken radials to fight with, the world is just beautifull.

73 and have fun

Bill kc4atu

Do You Yahoo!?
Sign up for SBC Yahoo! Dial - First Month Free
<http://sbc.yahoo.com>

Date: Thu, 11 Jul 2002 19:23:04 -0400
From: "N3BJ" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129600] Items FS or Trade **SOLD**
Message-ID: <0E63YP92l2uruWHow1j0000a234@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Both items are sold. Thanks to all that responded.

Alan, N3BJ
Bent Mountain, VA

>

> TenTec 1254 digital HF RX, works great, manual.
>
> \$150 shipped
>
> LDG Z11 auto tuner, works great, with Mountain-Ops TackPak
>
> \$140 shipped
>
> Or trade for QRP items - what do you have ?
>
> Alan, N3BJ
> Bent Mountain, VA
>

Date: Thu, 11 Jul 2002 17:32:41 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Nico Vertriest <Nico.Vertriest@pandora.be>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129601] Re: Multi-band vertical fed with ladderline: radials
Message-ID: <Pine.LNX.4.44.0207111730270.3985-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Nico I don't like your design. Better you find a 10m pole and hold up the center of a 88 foot wire which you feed with 450 ohm ribbon to your tuner. It will take less wire and work better.

On Thu, 11 Jul 2002, Nico Vertriest wrote:

> Hello,
>
> I would like to put a 5m vertical on my roof (10m high) and to feed it with
> 450 ohm ladderline. I would like to use it as a multiband antenna with a
> balanced line tuner. As radials I would put several lines of rotor cable
> having a length of 5 meters (6 lines, each having 8 conductors). I
> wondered what is the most efficient situation for the radials. Is it best
> to cut several separate radials to resonance for the 20,17,15 and 10 m bands
> ? Or
> can I just use several radials 5 meter long, and count on the tuner for
> resonance ?
>
> Thanks in advance.
>
> 73,

> Nico
> on4civ
>
>
>
>

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Thu, 11 Jul 2002 16:31:50 -0700
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [129602] Re: Feed line switching
Message-ID: <000301c22933\$2329ad40\$5ba32640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike. I have used small dpdt knife switches at 100 watts without trouble for several years. The 450 ohm lines were fed through a balanced tuner. You just have to remember to keep your hands off the switches when talking or keying and not switch anything hot.
Dave K2ZU

Date: Thu, 11 Jul 2002 19:33:56 -0400
From: "N3BJ" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129603] WTB: SSTs for Project
Message-ID: <0E682gI3fjxloLaY5fr0000a4a4@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wanted: Norcal or Wilderness SST QRP rigs for any band - need not be working, but must have PCB and case in good shape. Smoked, missing parts, unfinished, problem rig OK. For a project with some local youngsters.

Please let me know what you may have that is surplus to your needs.

Thanks,

Alan, N3BJ
Bent Mountain, VA

Date: Thu, 11 Jul 2002 19:51:22 -0400
From: "Ken Newman" <n2cq@dandy.net>
To: "N4S0" <N4S0@Juno.com>, "W3BG" <W3BG@arrl.net>,
"N9AVG" <N9AVG@amsat.org>,
Subject: [129604] [CONTEST] N2CQ QRP Contest Calendar - July 11-31
Message-ID: <002a01c22935\$df1201e0\$bc881c42@18.95.182.twasn1.md.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR

July 11-31, 2002

~~~~~  
Summer Fox Hunts - 20 Meters CW QRP - Friday 0200z - July & August
(Thursday Evenings US Local Time)
Details: <http://www.cqc.org/fox/index.htm>

=====

Truffle Hunt 30 minutes before the Fox Hunt
Details: <http://fpqrp.com/struffle.html>

~~~~~  
IARU HF World Championship (CW/SSB)

Jul 13 - 1200z to Jul 14 - 1200z

Rules: <http://www.arrl.org/contests/rules/2002/rules-iaru.html>

"One of the best. Work anyone"

~~~~~  
FISTS Summer Sprint (CW) ... QRP Category

Jul 13 - 1700z to 2100z

Rules: <http://www.fists.org/sprints.html>

"WHEN YOU'VE WORKED A FIST YOU'VE WORKED A FRIEND"

~~~~~  
QRP ARCI Summer Homebrew Sprint (CW) ... QRP Contest!

Jul 14 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/sumhom.htm>

"Test those homebrew rigs. Extra points for HB"

~~~~~  
AGCW-DL QRP Summer Contest (CW) ... QRP Contest!

Jul 20 - 1500z to Jul 21 - 1500z

Rules: <http://www.agcw.de/>

"More QRP Summer Fun"

~~~~~  
Georgia QSO Party (CW/SSB) ... QRP Category

Jul 20 - 1800z to Jul 21 - 0359z

Jul 21 - 1400z to Jul 21 - 2359z

Rules: <http://gqp.contesting.com/Rules.htm>

"Work GA Counties. Excellent Awards"

~~~~~  
North American QSO Party (RTTY)

Jul 20 - 1800Z to Jul 21 - 0600Z

Rules: <http://www.ncjweb.com/naqprules.php>

"FYI.. 100 watt RTTY operation"

CQ WW VHF Contest (All, 6 & 2 Meters) ... QRP (25W) Category

Jul 20 - 1800z to Jul 21 - 2100z

Rules: <http://www.cq-amateur-radio.com/VHFRU102.pdf>

"Maidenhead Grids for Awards"

RSGB Low Power Field Day (CW) ...QRP Contest!

Jul 21 - 0900z to 1200z (80 M)

Jul 21 - 1300z to 1600z (40 M)

Rules: <http://www.g4tsh.demon.co.uk/HFCC/>

"Outdoor Fun for the Serious QRPer"

CQC Great Colorado Gold Rush (20 Meters CW) ... QRP Contest!

Jul 21 - 2000z to 2200z

Rules: <http://www.cqc.org/contests/gold2002.htm>

"Two fast hours of heavy hitting"

RUSSIAN RTTY WW CONTEST

Jul 27 - 0000z to Jul 28 - 2400z

Rules: <http://www.sk3bg.se/contest/russrtty.htm>

"FYI.. QRO RTTY. All bands"

Venezuelan Independence Day Contest (CW)

Jul 27 - 0000Z to Jul 28 - 2400Z

Rules: <http://www.sk3bg.se/contest/yvdx.htm>

"Work YV and anyone else"

~~~~~  
Islands On The Air Contest (CW/SSB)

Jul 27 - 1200z to Jul 28 1200z

Rules: <http://www.g4tsh.demon.co.uk/HFCC>

"IOTA DXpeditions Encouraged"

~~~~~  
Flight of the Bumblebees (CW) ... QRP Contest!

Jul 28 - 1700z to 2100z

Rules: http://www.natworld.com/ars/pages/bumblebees/bb_rules.html

"Most outrageous venture for QRP Portable"

~~~~~  
Thanks to SM3CER, WA7BNM, ARRL and others  
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

\*\*\*\* QRP Contest Calendar \*\*\*\*  
<http://www.njqrp.org/data/contesting.html>  
<http://www.n3epa.org/Pages/Contest/contest.htm>  
<http://www.qsl.net/cqrp/contests.html>

72 de  
Ken Newman - N2CQ

N2CQ@ARRL.NET

-----  
Date: Thu, 11 Jul 2002 19:58:03 -0400 (Eastern Daylight Time)  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: "qrp-1@Lehigh.EDU" <qrp-1@lehigh.edu>  
Subject: [129605] Re: Rock Mite available?  
Message-ID: <3D2E1B8B.00004B.82309@pentium>  
MIME-Version: 1.0  
Content-Type: Text/Plain  
Content-Transfer-Encoding: quoted-printable

The ROCK-MITE by Dave Benson K1SWL of Small Wonder Labs is a crystal controlled 40 meter CW transceiver that really works. I got mine at the Lobstercon meeting in Brunswick, Maine and it sure was worth the drive from near Cleveland, OH! The rig fits nicely in an Altoids box and is a clever new design. Somewhat reminiscent of the simplicity of the Pixie transceivers but a couple orders of magnitude better in performance. Its also somewhat like the warbler radios in that it uses a crystal for good front end selectivity and a 612 mixer in a direct conversion receiver. There is some audio selectivity in an active filter using a 1458 that nicely drives a small speaker or headphones. The transmitter is a little like a Tuna-Tin II and puts out a solid and clean 600-700 mW. Also included is a 12C508 microprocessor that handles TR switching delays, a 700 Hz offset between transmit and receive, sidetone, and a built in keyer function. Using the offset capability you get two pairs of transmit/receive frequencies, so its a very stable two channel radio around the 7040 QRP frequency. It should run on any voltage from about 6 to 15 volts, and mine draws about 50 mA on receive and 240 mA on transmit using 13 volts. This is the first real radio I have had that fits in an Altoids box. It works and works well. Assembly is easy on the high quality silk-screened and solder masked double sided PC board. There is only one surface mount component, the 612 mixer and its big enough to be easy to solder in place. This little kit is another real winner from SWL. It really works! Thanks to Dave, NORCAL, and the organizers of Lobstercon and anyone else who made it possible for me to get one of the preview versions of this great little radio!

73/72 - Mike WA8BXN

-----  
Date: Thu, 11 Jul 2002 19:55:57 -0400 (Eastern Daylight Time)  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: "qrp-1@Lehigh.EDU" <qrp-1@lehigh.edu>

Subject: [129606] Re: Rock-mite tin  
Message-ID: <3D2E1B0D.000049.82309@pentium>  
MIME-Version: 1.0  
Content-Type: Text/Plain  
Content-Transfer-Encoding: quoted-printable

The circuit board itself looks to be about 2 by 2 3/8 inches. Fits nicely in an Altoids box with plenty of room for the connectors.

73/72 - Mike WA8BXN

-----  
Date: Thu, 11 Jul 2002 20:11:41 -0400  
From: Dave Richards <wr3i@earthlink.net>  
To: hubby2k@hotmail.com,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [129607] Re: Rock-mite tin  
Message-ID: <5.1.1.6.2.20020711201006.009e6050@earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Darn I wish I had not left Lobstercon so soon! Ah well it was a great event and I am Planning on time Not 12 months Right?

Dave  
WR3I

At 07:55 PM 7/11/2002 -0400, Mike WA8BXN wrote:

>The circuit board itself looks to be about 2 by 2 3/8 inches. Fits nicely in  
>an Altoids box with plenty of room for the connectors.

>

>73/72 - Mike WA8BXN

-----  
Date: Fri, 12 Jul 2002 08:16:25 -0400  
From: "ss lyon" <sslyon@megalink.net>  
To: <hubby2k@hotmail.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [129608] Re: Rock Mites spawning tonite?  
Message-ID: <006c01c2299d\$f18932e0\$aac7e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'll be on with mine, taking time to check into the NEQRP net. (3.565 @ 8:30  
EDST) Having got a G3 for my first QSO last nite, I'm stoked. Note that K1SWL  
corrected my info: Rock Mite WILL be a product in the near future. Stay tuned.  
C U 2 nite on 7.040 +/- xtal warpage.

72

AA1MY

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel ME, 04217 U.S.A.  
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "Mike WA8BXN" <hubby2k@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, July 11, 2002 7:58 PM

Subject: Re: Rock Mite available?

>

>

>

> The ROCK-MITE by Dave Benson K1SWL of Small Wonder Labs is a crystal  
> controlled 40 meter CW transceiver that really works. I got mine at the  
> Lobstercon meeting in Brunswick, Maine and it sure was worth the drive from  
> near Cleveland, OH! The rig fits nicely in an Altoids box and is a clever  
> new design. Somewhat reminiscent of the simplicity of the Pixie transceivers  
> but a couple orders of magnitude better in performance. Its also somewhat  
> like the warbler radios in that it uses a crystal for good front end  
> selectivity and a 612 mixer in a direct conversion receiver. There is some  
> audio selectivity in an active filter using a 1458 that nicely drives a  
> small speaker or headphones. The transmitter is a little like a Tuna-Tin II  
> and puts out a solid and clean 600-700 mW. Also included is a 12C508  
> microprocessor that handles TR switching delays, a 700 Hz offset between  
> transmit and receive, sidetone, and a built in keyer function. Using the  
> offset capability you get two pairs of transmit/receive frequencies, so its  
> a very stable two channel radio around the 7040 QRP frequency. It should run  
> on any voltage from about 6 to 15 volts, and mine draws about 50 mA on  
> receive and 240 mA on transmit using 13 volts. This is the first real radio  
> I have had that fits in an Altoids box. It works and works well. Assembly is  
> easy on the high quality silk-screened and solder masked double sided PC

> board. There is only one surface mount component, the 612 mixer and its big  
> enough to be easy to solder in place. This little kit is another real winner  
> from SWL. It really works! Thanks to Dave, NORCAL, and the organizers of  
> Lobstercon and anyone else who made it possible for me to get one of the  
> preview versions of this great little radio!  
> 73/72 - Mike WA8BXN

-----  
Date: Thu, 11 Jul 2002 18:30:42 -0600  
From: William R Colbert <w5xe@juno.com>  
To: Nico.Vertriest@pandora.be, qrp-l@lehigh.edu  
Subject: [129609] Re: Multi-band vertical fed with ladderline: radials  
Message-ID: <20020711.183043.-363301.3.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Nico, what you describe will work pretty well. Regardless of what some say. I have used the rotor cable with the individual wires cut to 1/4 length and over the years used with both the Hygain 18avq, 14avq and Cushcraft AP8 trap verticals ground mounted, near ground mounted and elevated at the 12 ft level with good results. (Phased array system)  
I also have a similar radial system with a 22 ft vertical and it is working well, fed with the 450 balanced line and working with a MFJ 949 type tuner. Give your idea a try and see how you like it - NOT if someone else does or doesn't.  
73 and good luck with your endeavors.

Ray

"The more you read about politics, you got to admit that each party is worse than the other.  
The one that's out always looks the best." -Will Rogers  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M  
NARTE-NCT2R QRP-ARCI 5784, El Paso, (FAR WEST) TEXAS

-----  
Date: Thu, 11 Jul 2002 18:43:05 -0600  
From: "Rod N0RC" <rod@n0rc.us>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [129610] 1N5711, which brand to buy?

Message-ID: <000501c2293d\$16ae22d0\$6501a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

I want to buy some 1N5711's for my parts stash. I see product from: STM, General Semiconductor, NTE & Diodes Inc. (there are probably others)

Can anyone recommend one brand over the other? Or are they all pretty equivalent?

73, Rod N0RC

-----  
Date: Thu, 11 Jul 2002 20:20:05 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <Mike.Leech@us.bosch.com>  
Cc: <qrp-1@lehigh.edu>  
Subject: [129611] Switches for parallel lines  
Message-ID: <004e01c22942\$40d50d80\$4e100a0a@rohredt2000>

I have a friend locally, well, out on rural side of Austin, who feeds all his antennas with open wire line, using power co. surplus insulators!

He has a big bus coming along the ceiling of his ham shack; it has junctions with knife switches to select various antennas to the common bus to his rig.

You open one knife switch, and close another, and make sure all the unused antennas knife switches are open. Works great, and very visual, you can look up and see the various states of connections. He got some of the old large double pole knife switches, but at QRP, there are little plastic ones sold by Home Depot and such hardware stores. They keep them over in the specialty hardware , which is all that stuff in the wide drawers or plastic bins.

It will be same place as mirror supports, and bronze bearings.

Radio Shack may also carry them, but have not checked there in years.

72,

Stuart K5KVH

BTW, the beam this guy has is a big Log Periodic and he feeds it with open wire line. You should see his jumper for rotator bypass!

He has big standoffs on the side of the tower about a foot away. The line is I think about 600 ohm line, and is nearly a foot wide spaced itself. It all works great and no apparent loss of signal.

-----  
Date: Thu, 11 Jul 2002 20:32:39 -0500

From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: "Kenneth Hoglund" <hoglund@wfu.edu>

Cc: <qrp-l@lehigh.edu>

Subject: [129612] The critical distance between the ground plane and the bottom of a quarter wave vertical element

Message-ID: <005e01c22944\$02906e50\$4e100a0a@rohredt2000>

Ken,

Actually there is, once you have a distance that is in fractions of wavelength at the frequency; but usually you do not see it, because you have to have the ground plane close, to connect the width of the feeder conductors to the ground plane on one side, and the bottom of vertical element on the other.

In other words, if you have a space close to the spacing of your feeder conductors or a bit more, you are in good shape. If you were running 1000 watts, I would say space it more than if you are running 5 watts.

If the ground plane was too far away from the vertical element, you would not have it as effective as a reference for the vertical. Thus, you would NOT want to have a ground plane or screen on the earth, and ground the coax shield to it there, and then have the coax go up to a second story where you might have placed a vertical element on the roof. Now that is an extreme example but pretty clear with it, the intervening feedline would terribly interact with the antenna and ground plane and detune things.

Hope that helps,

Stuart K5KVH

-----  
Date: Thu, 11 Jul 2002 20:28:43 -0600

From: "Rod N0RC" <rod@n0rc.us>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>



Subject: [129613] re: Rock-mite tins  
Message-ID: <002101c2294b\$d7c31e90\$6501a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Here is my choice:

<http://www.radioactivehams.com/~n0rc/pics/altoids.jpg>

73, Rod N0RC

-----  
Date: Thu, 11 Jul 2002 21:41:24 -0500  
From: "Mike Duke, K5XU" <k5xu@netdoor.com>  
To: "qrp list" <qrp-l@lehigh.edu>  
Subject: [129614] Carolina Windom 80 Wanted  
Message-ID: <004d01c2294d\$ba7a6800\$ebd294d0@k5xu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

If you have one available in reasonable condition, etc, please contact me.

Mike Duke, K5XU  
American Council of Blind Radio Amateurs

-----  
Date: Thu, 11 Jul 2002 22:38:26 -0400  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: Bruce Rattray <ratttray@gpfn.sk.ca>, QRPL <qrp-l@lehigh.edu>  
Subject: [129615] Re: tonight,s Foxiis  
Message-ID: <3D2E4122.7EB82FFA@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just worked ET at 0237 he was 599, and calling cq, here other hounds

calling.

Fred  
VE3FAL

Bruce Rattray wrote:

>  
> Boy the RF curtain must be up tonight!...not hearing either of the foxii  
> and just a hunter now and then...I won't give up until 0400...good luck  
> Raiders!!  
>  
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Thu, 11 Jul 2002 22:43:09 -0400  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: QRPL <qrp-l@lehigh.edu>, Bruce Rattray <rattray@gpfn.sk.ca>  
Subject: [129616] RE:Foxiis  
Message-ID: <3D2E423D.BF3730E2@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The band must be long, not hearing the FOX in NY at all, heard Earl  
VA6RF grab the fox at 0240....

Fred  
Ve3FAL

-----  
Date: Thu, 11 Jul 2002 22:53:47 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: flesnick@tbaytel.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [129617] Re: Foxiis  
Message-ID: <3D2E44BB.184FAAB@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tom is on 14.061

73

Paul K4FB

-----  
Date: Thu, 11 Jul 2002 22:50:40 -0400 (EDT)  
From: Chris Cartwright <ccart@phideaux.com>  
To: QRPL List <qrp-l@lehigh.edu>  
Subject: [129618] RE:Foxiis  
Message-ID: <Pine.LNX.4.33.0207112248440.10343-100000@dns.phideaux.com.>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 11 Jul 2002, Fred Lesnick wrote:

> The band must be long, not hearing the FOX in NY at all, heard Earl  
> VA6RF grab the fox at 0240....

Not a peep out of him here in PA, I can hear the hunters work him, but  
zilch from Tom. Got Marshall on the first call, he was starting to sound  
lonely :)

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Thu, 11 Jul 2002 22:21:49 -0500  
From: Dave Gingrich K9DC <gingrich2@dcg.org>  
To: pwomble1@tampabay.rr.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [129619] Re: Foxiis  
Message-ID: <5.1.0.14.2.20020711221825.034fb200@172.22.1.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 22:53 7/11/2002 -0400, Paul Womble wrote:  
>Tom is on 14.061

Not here in Indiana. Not even a whisker.

Got ET with just a single hit of my call. Fastest bag ever for me.

=====

Dave Gingrich, K9DC - Indianapolis, Indiana USA  
K2 #2211, K1 #931, QRP-L #2376, ARS #1109,  
FPQRP #389, IRLP 473/573, k9dc.ampr.org  
=====

-----  
Date: Thu, 11 Jul 2002 23:21:32 -0400  
From: VE3JC John Cumming <jbcumming@wwdc.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>,  
QRP-CANADA <qrp-canada@neale.gpfn.sk.ca>  
Subject: [129620] Cutting PCBoard - survey says ...  
Message-ID: <3D2E4B3C.7070700@wwdc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Thanks for all the great suggestions on accurate straight cutting of  
PCBoard material. Once again the creativity and experience of the QRP  
community comes through.

Totally unscientific summary of recommended methods is roughly as follows:

- Table Saw (4)
- Radial Arm Saw (1)
- Mitre box & Hack Saw (1)
- Score & Snap (3)
- Band Saw or Jig Saw (2)
- Shear (friendly machine shop !) (3)
- Sabre saw & cutting jig (1)
- Good old Paper Cutter!! (4)
- Dremel Router (2)

If anyone wants details of the suggested methods and safety warnings,  
let me know and I'll send you a text file.

And the prize winners for most interesting suggestions:

Second Place to Don WN9V for this method:

- > Here is a method. Do this outdoors where you won't make
- > circuit board dust all over the house.
- > 1. Put a heavy duty fiberglass reinforced cutoff wheel on the
- > mandrel of your Moto tool, then mark the line where you want
- > to cut and c-clamp a straight edge stick about 1/4 inch
- > thick, lying parallel to the desired cut. Then use the

> straightedge to guide your hand and the cutting wheel to cut  
> the board any depth you want.  
>  
> Just cut about 80 percent through the board from the non  
> foil side. Now fold the board on the cut and you have made  
> two walls of a long box with the intact foil on the fold  
> holding the two walls together and providing shielding  
> inside the box. Using the method of cutting the board but  
> not the foil, you can make boxes more quickly than if you  
> have to solder all seams.  
>

And First Place to Tim KG4CHX who said "just lemme know what size you  
need and I'll do it for you!!" Doesn't get much easier than that.

Thanks again to all for the help

72, John VE3JC

-----  
Date: Thu, 11 Jul 2002 20:25:12 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <flesnick@tbaytel.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [129621] RE:Foxiis  
Message-ID: <00db01c22953\$bc697f10\$f0e8b3d1@tjnotebook>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Marshall is very strong and steady here in Burbank tonight, but not hearing  
Tom...

73's Trev KG6CYN

----- Original Message -----

From: "Fred Lesnick" <flesnick@tbaytel.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, July 11, 2002 7:43 PM  
Subject: RE:Foxiis

>  
> The band must be long, not hearing the FOX in NY at all, heard Earl  
> VA6RF grab the fox at 0240....  
>  
> Fred  
> Ve3FAL  
>

-----  
Date: Thu, 11 Jul 2002 22:34:32 -0500  
From: "Brian" <brian@iquest.net>  
To: "QRP-L" <qrp-1@lehigh.edu>, "Pigs" <fpqrp-1@mpna.com>  
Subject: [129622] New tin - Be on the lookout  
Message-ID: <00af01c22955\$09d7ece0\$0b372bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I just got a new tin today in Ohio.

Altoids is selling these sour candies in a round tin, about the size of a can of shoe polish. They sell a Citrus Sour Drop and a Tangerine Sour Drop. Both are very tasty and very sour....the tin may be the perfect replacement for the Tuna Can!

73

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

-----  
Date: Thu, 11 Jul 2002 22:22:36 -0500  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [129623] FOX: Score!!!  
Message-ID: <200207120322.AA00555@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Pinned down Tom first, with a halfways decent signal here in ND. Then went back to ET, who was phoning in from \*deep\* space most of the evening (i.e. one would need the collective antenna power of the Deep Space Network to hear him... :-)  
He rose out of the noise enough to actually copy 100%, took a shot, and he went in the bag, too.

Combine the fox sweep with bagging Truffle Dave, and that makes the night 3 for 3 -- even with not so hot propagation! :-)  
I am \*stoked\*!!! :-)

72/73,

Todd, AG0T

-----  
Date: Thu, 11 Jul 2002 21:32:23 -0600  
From: "Rod N0RC" <rod@n0rc.us>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [129624] Re: Foxiis  
Message-ID: <003b01c22954\$bcb1aa0\$6501a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Nothing heard in CO, Marshall is just to close < 100mi. Odd I can't hear hounds or Tom. I checked the NCDXF beacons on 14.100 I can't hear New York, or CA. Did hear HI, New Zealand and Eastern Europe though.

73, Rod N0RC

----- Original Message -----

From: "Dave Gingrich K9DC" <gingrich2@dcg.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, July 11, 2002 9:21 PM  
Subject: Re: Foxiis

> At 22:53 7/11/2002 -0400, Paul Womble wrote:  
> >Tom is on 14.061  
>  
> Not here in Indiana. Not even a whisker.  
>  
> Got ET with just a single hit of my call. Fastest bag ever for me.  
>  
> =====  
> Dave Gingrich, K9DC - Indianapolis, Indiana USA  
> K2 #2211, K1 #931, QRP-L #2376, ARS #1109,  
> FPQRP #389, IRLP 473/573, k9dc.ampr.org  
> =====  
>  
>

-----  
Date: Fri, 12 Jul 2002 11:37:06 -0400  
From: "ss lyon" <sslyon@megalink.net>  
To: "chat qrp" <qrp-l@lehigh.edu>  
Subject: [129625] Rock Mite-7040 Crowded...  
Message-ID: <003601c229b9\$fa9ee0c0\$aac7e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

never noticed how crowded 7.040 really is until I got on it rock-bound! Would like to encourage non-rock ops to spread out a tad. Worked a few right coasters but no DX tonite. I'll try again tomorrow nite.

73

AA1MY

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel ME, 04217 U.S.A.  
207-836-2576



Virus Protection by Norton and ZoneAlarm

-----  
Date: Thu, 11 Jul 2002 23:41:03 -0400  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: QRPL <qrp-1@lehigh.edu>  
Subject: [129626] Re: Fox hunt  
Message-ID: <3D2E4FCF.40C4F18A@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well it is 0339 and still not hearing Tom here at all..  
Did hear N5IB, NM5M, and K5DI calling Tom, but that is about all that I  
am hearing on that frequency.

Fred  
VE3FAL

-----  
Date: Thu, 11 Jul 2002 21:58:28 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-1@lehigh.edu  
Subject: [129627] FOX worked Tom  
Message-ID: <Pine.LNX.4.44.0207112155030.4546-100000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was working Humi LZ2RS/QRP when I heard Tom KV2X start  
building up on frequency. I was done with Humi so called Tom and he  
heard me after 3 calls.

I just heard ET at 0200 from my mobile but he was just esp  
quality and I had to return to the Board meeting as we were voting a lot  
of money things.

--  
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Fri, 12 Jul 2002 03:57:10 +0100  
From: Chuck Adams <k7qo@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [129628] Shears  
Message-ID: <5.1.0.14.0.20020712034738.009f47b0@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Phyllis and I were at the Mall today killing time as for the next 10 days a local firm will be installing the third living room floor in the house in two years since we built it. :-)

I picked up a copy of the new Home Shop Machinist magazine and in the center fold is an ad for Enco. Enco is a mail order home hobby machinist place and I had gotten an order from them about a week ago and they are prompt on delivery of orders.

They have what they call Plate Shears on sale.

|           |            |         |
|-----------|------------|---------|
| 5" blade  | KK130-5705 | \$54.95 |
| 6" blade  | KK130-5710 | \$58.95 |
| 8" blade  | KK130-5715 | \$72.95 |
| 12" blade | KK130-5700 | \$89.95 |

weighing 20, 40, 54, and 100 pounds respectively.

You can see the critter at

<http://www.use-enco.com>

and they do have a 30" combo shear, brake, and roll weighing only a mere 340 pounds. I don't have a clue on the shipping charges for the above but you might run out to the web page and check.

Some lucky sole might want to try one and give us a report.

All that I know is that the firm has an excellent reputation among the home shop machinists.

FYI and I don't get a commission

dit dit

Chuck Adams, K7QO CP-60 k7qo@earthlink.net  
http://www.qsl.net/k7qo

Moving to Arizona? --- Bring your own water, please.

-----  
Date: Thu, 11 Jul 2002 22:17:35 -0600  
From: "Dave WR50" <dendav@dzdn.com>  
To: "Flying Pigs" <fpqrp-1@mpna.com>, "QRPL" <qrp-1@lehigh.edu>  
Subject: [129629] FOX: Truffle and Foxii for 7/11/02  
Message-ID: <001901c2295b\$126b9b80\$606357d1@dwinfield>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

What a night!

Here's the first draft:

|    |                 |             |        |        |       |
|----|-----------------|-------------|--------|--------|-------|
| 1  | 2002-07-12 0132 | 14061 K5JHP | 559 TX | BILL   | 5W    |
| 2  | 2002-07-12 0133 | 14061 N1TP  | 559 FL | TOM    | 5W    |
| 3  | 2002-07-12 0134 | 14061 K4GT  | 559 GA | JIM    | 5W    |
| 4  | 2002-07-12 0135 | 14061 AA50  | 559 LA | VERN   | 5W    |
| 5  | 2002-07-12 0136 | 14061 K4FB  | 559 FL | PAUL   | 5W    |
| 6  | 2002-07-12 0138 | 14061 W5TB  | 559 TX | DOC    | 5W    |
| 7  | 2002-07-12 0139 | 14061 KB7WW | 559 OR | ART    | 5W    |
| 8  | 2002-07-12 0140 | 14061 WV9N  | 559 OH | RANDY  | 5W    |
| 9  | 2002-07-12 0142 | 14061 W6ABC | 559 CA | JACK   | 5W    |
| 10 | 2002-07-12 0143 | 14061 AA4LR | 559 GA | BILL   | 5W    |
| 11 | 2002-07-12 0145 | 14061 K7IE  | 579 OR | CLAIR  | 5W    |
| 12 | 2002-07-12 0146 | 14061 VE5RC | 559 SK | BRUCE  | 5W    |
| 13 | 2002-07-12 0147 | 14061 K8DD  | 559 MI | HANK   | 5W    |
| 14 | 2002-07-12 0148 | 14061 K0PC  | 559 WI | PAT    | 5W    |
| 15 | 2002-07-12 0150 | 14061 NN5E  | 559 TX | VERN   | 5W    |
| 16 | 2002-07-12 0152 | 14061 AG0T  | 589 ND | TODD   | 5W    |
| 17 | 2002-07-12 0153 | 14061 N9NE  | 559 WI | TODD   | 500MW |
| 18 | 2002-07-12 0154 | 14061 AJ4AY | 559 AL | JAY    | 4W    |
| 19 | 2002-07-12 0156 | 14061 K3NG  | 559 PA | GOODY  | 5W    |
| 20 | 2002-07-12 0157 | 14061 W5YR  | 559 TX | GEORGE | 5W    |
| 21 | 2002-07-12 0159 | 14061 N5ZE  | 599 TX | LEW    | 5W    |

22 2002-07-12 0200 14061 WR50 --- TX DAVE 5W

If I didn't know any better, I'd swear I broke the band tonight :-D. KV2X was about 459 at best. I'm not even sure I got him, since I didn't hear the actual confirmation, but he did get the call...I'll be looking for his log :-).

ET was never better than 119 here. I could hear him, but had a hard time telling if he was handing out a pelt or calling CQ. On 40, the opposite is usually true...I can work CQ, but barely hear NY.

At least I had fun being the Truffle...for those of you who tried getting a chunk, I appreciate it. At one point, there sounded like 15 calling on the exact same frequency. One of the tricks to being heard (at least with me) is either be loud or off the main pile. A lot of folks in this log weren't loud, just spread out a little to either side...

Thanks for showing up tonight :-).

72/73 es oo,

Dave Winfield, WR50  
El Paso, Texas DM61ts

FP# -109, SOC #371, ARS #996,  
Zombie #793, QRPp #328, ARRL

Ginsberg's Restatement of the Three Laws of Thermodynamics:  
You can't win, you can't break even, and you can't quit.

---

Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.374 / Virus Database: 209 - Release Date: 7/9/02

-----

Date: Thu, 11 Jul 2002 22:02:25 -0700  
From: "Kory Hamzeh" <kory@avatar.com>  
To: <k7qo@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [129630] RE: Shears  
Message-ID: <003401c22961\$5048a5a0\$14ce21c7@avatar.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I buy a lot of stuff from Enco for my home machine shop. They are a very reputable firm to deal with and since MSC bought them, they've gotten even better. However, some of there asain made tools are not always the highest quality. They are a great value, but sometime they need a little tweaking before they work OK. Tighten some bolts here, de-burr edges there. You can say that they are the MFJ of Home Shop Machining. :-) If you don't like what they shipped you, then will takes it back for a full refund.

73,  
Kory  
AC6RN

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> Chuck Adams  
> Sent: Thursday, July 11, 2002 7:57 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Shears  
>  
>  
>  
>  
> Gang,  
>  
> Phyllis and I were at the Mall today killing time as for the  
> next 10 days a local firm will be installing the third living  
> room floor in  
> the house in two years since we built it. :-)  
>  
> I picked up a copy of the new Home Shop Machinist magazine  
> and in the center fold is an ad for Enco. Enco is a mail order  
> home hobby machinist place and I had gotten an order from them  
> about a week ago and they are prompt on delivery of orders.  
>  
> They have what they call Plate Shears on sale.  
>  
> 5" blade KK130-5705 \$54.95  
> 6" blade KK130-5710 \$58.95  
> 8" blade KK130-5715 \$72.95  
> 12" blade KK130-5700 \$89.95  
>  
> weighing 20, 40, 54, and 100 pounds respectively.  
>  
> You can see the critter at  
>

```

> http://www.use-enco.com
>
> and they do have a 30" combo shear, brake, and roll weighing
> only a mere 340 pounds. I don't have a clue on the shipping
> charges for the above but you might run out to the web page
> and check.
>
> Some lucky sole might want to try one and give us a report.
>
> All that I know is that the firm has an excellent reputation among
> the home shop machinists.
>
> FYI and I don't get a commission
>
> dit dit
>
>
>
>
> Chuck Adams, K7QO CP-60 k7qo@earthlink.net
> http://www.qsl.net/k7qo
>
> Moving to Arizona? --- Bring your own water, please.
>

```

```

-----
Date: Fri, 12 Jul 2002 12:21:37 +0100
From: bejones@hursley.ibm.com
To: qrp-1@lehigh.edu
Cc: leon_heller@hotmail.com
Subject: [129631] Re: Morse encoding techniques
Message-ID: <3D2EC9D1.12354.962FDC@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

```

Leon - there's a further trick to save one more byte if you always use standard timings. Since a dah is 3 times a dit your call-dah code can just generate a tone of 2\*dits and then you drop through onto the dit code

```

send_cw:
        asr          byte
        breq         send3
        brss         send1 (dunno AVR, whatever opposite of brcs is)

```

```

                rcall      dah      (send 2 dits worth of tone)
*** No longer needed ***                rjmp      send2
send1:
                rcall      dit      (send one dit of tone)
                rjmp      send_cw
send3:
                ret

```

similar for the dit and dah code itself, the dah code only needs to be 2 dits long so we can call dit and then drop thru onto it.

```

dah:
    rcall dit      (one dit's worth of tone)
dit:
    rcall generate_dittone      (one dits worth of tone)

```

Brian G0UKB

-----

Date: Fri, 12 Jul 2002 07:34:27 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [129632] Re: Foxiis  
Message-ID: <20020712113558.LDHJ11981.imf03bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 7/11/02 11:21 PM, Dave Gingrich K9DC at [gingrich2@dcg.org](mailto:gingrich2@dcg.org) wrote:

```

>At 22:53 7/11/2002 -0400, Paul Womble wrote:
>>Tom is on 14.061
>
>Not here in Indiana. Not even a whisker.

```

Same here in GA. Not even the slightest hint of Tom. In fact, in over an hour of listening, I only caught possibly 4-5 hounds calling him. Swung beam from NE to W several times. Nada. Zilch. Nothing.

It's funny. Heard Bulgaria and Venezuela calls while listening for Tom.

```

>Got ET with just a single hit of my call. Fastest bag ever for me.

```

Worked ET after I figured out where he was listening. I was in the log by 0205.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Fri, 12 Jul 2002 08:11:20 -0400  
From: "Mike Yetzko" <myetzko@insydesw.com>  
To: <brian@iquest.net>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [129633] Re: New tin - Be on the lookout  
Message-ID: <005201c2299d\$3d36c8c0\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I got a new tin this week in the mail.

AOL is now putting their CDs in a tin. Square with round corners. Just a bit bigger than a CD. It is NOT near as thick as an Altoids or other 'mint' tin. Just a bit thicker than a jewel CD case. But with thin metal instead of plastic, it may be enough to build something, but it will be a tight fit. Now if you do a lot of surface mount...

Mike

-----  
Date: Fri, 12 Jul 2002 08:14:34 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [129634] invisible wire?  
Message-ID: <5.1.0.14.1.20020712081000.00a48400@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

What's your favorite color for a semi-permanent wire antenna that needs to be as hard to see as possible?

I have a tree on each side of my house and more trees at the back of the lot. I'm thinking of hanging a bent dipole among them, with the feedpoint



in one of the trees. The wire from that tree to the back of the lot is less of a problem in terms of street visibility, but the wire over the top of the house will parallel the street.

I'm thinking a light blue or gray wire might be best, but I wanted to hear what the "been there, done that" people have to say.

Dave

-----  
"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Fri, 12 Jul 2002 08:40:35 -0400  
From: "Ken Newman" <n2cq@dandy.net>  
To: "N4SO" <N4SO@Juno.com>, "W3BG" <W3BG@arrl.net>,  
"N9AVG" <N9AVG@amsat.org>,  
Subject: [129635] [EVENT] Summits On The Air (SOTA) - July 13-14  
Message-ID: <00a601c229a1\$541486a0\$bc881c42@18.95.182.twsn1.md.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

**\*\*SPECIAL EVENT FROM I-QRP\*\***

"Summits On The Air" expeditions - QRP  
10 or more QRP stations this weekend will be on the air from  
Italian mountain peaks on SSB/CW including WARC bands.  
de Ken, N2CQ  
(see below)

-----  
1st S.O.T.A QRP HF

During the whole weekend  
We will be active in 10 / 18 / 24 MHz on CW and SSB QRP frequencies

>From the best Italian mountain peaks 5 watt

"No way to miss this meeting, information come on due time"

The real lovers willing to activate a peak in HF can already subscribe at the regional reference points of the S.O.T.A. programme.

Section activity and the possible concurrent activation of more than one peak are welcome. We'd like to start our official affiliation to the S.O.T.A activating Italian peaks in QRP respecting the programme rules.

>From I-QRP page:  
http://www.aribg.it/iqrpclub/base\_eng.htm  
(N2CQ)

-----  
Informations on : [www.aribg.it/sota](http://www.aribg.it/sota) and [www.sota.org.uk](http://www.sota.org.uk)

Best Regards

de Ik2nbu Arnaldo Bollani

I QRP CLUB A.R.I # 001

Manager SOTA Italia

-----  
de  
Ken Newman - N2CQ  
Woodbury, NJ 08096  
N2CQ@ARRL.NET

-----  
Date: Fri, 12 Jul 2002 12:48:04 GMT  
From: Thomas Jennings <jennings@eznet.net>  
To: qrp-l@lehigh.edu  
Cc: thomas.jennings@us.abb.com  
Subject: [129636] Fox: KV2X Fox Log 20020712 UTC  
Message-ID: <20020712124804.11005.qmail@eznet.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="us-ascii"

Hounds 'n all,  
Thank you all for a great hunt! I had fun working  
all you guys! It was a nice easy pace for the first hour  
then it went to a crawl during the last hour. Only one hound  
in the last half hour. I had a loose antenna connection so  
that's why I didn't work anybody for the first 15 minuts.  
For the most part all sigs were weak to very weak to a wisper.  
I was suprised that k4lk1, Paul in FL, had a very  
nice signal at 500mw... he was one of the strongest.  
Sorry to nn5e I heard him a couple times and sent

my exchange but he never came back. Band dropped out  
on him :(  
So I hope conditions are better next time... till then good hunting!!  
73  
Tom, kv2x

| Time | Call    | Rcvd | SPC | Name   | Power |
|------|---------|------|-----|--------|-------|
| 215  | N1TP    | 559  | FL  | TOM    | 5w    |
| 217  | N5YFC   | 559  | TX  | WAYNE  | 5W    |
| 219  | W6ABC   | 559  | CA  | JACK   | 5W    |
| 220  | W9UQB\7 | 559  | AZ  | MIKE   | 5W    |
| 221  | K4FB    | 579  | FL  | PAUL   | 5W    |
| 222  | K5DW    | 559  | TX  | DON    | 5W    |
| 223  | KJ0C    | 589  | MO  | JIM    | 5W    |
| 224  | AA50    | 559  | LA  | VERN   | 5W    |
| 226  | NQ7X    | 559  | AZ  | FLOYD  | 5W    |
| 227  | WR50    | 559  | TX  | DAVE   | 5W    |
| 228  | W0CH    | 559  | MO  | DAVE   | 5W    |
| 229  | KB7WW   | 559  | OR  | ART    | 5W    |
| 229  | VE4WI   | 559  | MB  | CRAIG  | 5W    |
| 231  | K4BYF   | 559  | FL  | JACK   | 5W    |
| 231  | W5YR    | 559  | TX  | GEORGE | 5W    |
| 234  | K5LN    | 559  | TX  | BILL   | 5W    |
| 235  | KG4FSN  | 559  | FL  | JUAN   | 4W    |
| 237  | K0FPR   | 579  | CO  | AL     | 5W    |
| 239  | W0PWE   | 599  | IA  | JERRY  | 2W    |
| 240  | VA6RF   | 559  | AB  | EARL   | 5W    |
| 245  | WD5RS   | 559  | TX  | RUSS   | 4W    |
| 247  | WD7Z    | 599  | NM  | DAVE   | 5W    |
| 248  | N5ZE    | 559  | TX  | LEW    | 5W    |
| 254  | K7IE    | 559  | OR  | BRIAN  | 5W    |
| 256  | AB9CA   | 559  | AL  | DAVE   | 5W    |
| 259  | W5TB    | 559  | TX  | DOC    | 5W    |
| 304  | A04AY   | 559  | AL  | JAY    | 5W    |
| 306  | KI0II   | 559  | CO  | RON    | 1W    |
| 308  | VE5RC   | 119  | SK  | BRUCE  | 5W    |
| 310  | KD5KXF  | 559  | TX  | MIKE   | 5W    |
| 315  | AG0T    | 559  | ND  | TODD   | 4W    |
| 327  | NM5M    | 559  | TX  | ERIC   | 5W    |

330 K4LKL 559 FL PAUL 500MW  
347 K5DI 559 NM KARL 5W

-----  
Date: Fri, 12 Jul 2002 09:25:42 -0400  
From: Jake Brodsky <frussle@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [129637] Re: invisible wire?  
Message-ID: <2lltiuofiglk03rap5t9h0q9bqrb83nli@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

Lighter color insulation will help, but more than anything else, you need to use a small gauge of wire. =20

You have to remember that although color is an issue, the wire will be illuminated on one side and not the other. The wire becomes most visible when the contrast is highest. There isn't much you can do about illumination, so I recommend using the smallest gauge practical.

GL ES 72

Jake Brodsky, <mailto:frussle@erols.com>  
"Nearly fifty percent of all graduates came from=20  
the bottom half of the class."

-----  
Date: Fri, 12 Jul 2002 06:36:42 -0700 (PDT)  
From: Gary Slagel <gds slagel@yahoo.com>  
To: QRP L <qrp-l@lehigh.edu>  
Subject: [129638] Re: Multi-band vertical fed with ladderline: radials  
Message-ID: <20020712133642.45014.qmail@web11606.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

> If I remember, There is a design in several books  
> showing a vertical quarter wave for 40m with a  
> horizontal wire at its base, also a quarter wave on  
> 40m, and the whole mess fed with 450ohm line. A 40m  
> dipole with one half vertical, no radials and 10m to

FYI -

I've been experimenting with a similar antenna the

last week. I've got a 33' wire vertical with the base about 10' off the ground. Three 33' radials and the whole thing fed with 300 ohm ribbon. I've got a reference inverted vee dipole up about 35' at the vertex. Its 44' on each leg and fed with 300 ohm ribbon. I have just started comparing the two antennas on 15, 20 and 40. Listening to the two antennas, the dipole receives quite a lot better on 20 meters and the two are about equal on 15 & 40. I've made a couple comparisons of my transmitted signal on 20 meters, one to Illinois and one to Georgia (from Colorado) and both of them indicated that the dipole was better there too. I'll be doing more comparison over the next few days I hope.

Both antennas load very nicely, 10 thru 80, using the k2 autotuner.

Hope this is interesting to someone!

73, Gary

=====

Gary Slagel/N0SXX  
Conifer, CO 80433  
gdslagel@yahoo.com  
Personal Website: <http://members.fortunecity.com/gdslagel>

-----  
Do You Yahoo!?  
Sign up for SBC Yahoo! Dial - First Month Free  
<http://sbc.yahoo.com>

-----  
Date: Fri, 12 Jul 2002 10:36:13 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [129639] invisible wire summary  
Message-ID: <5.1.0.14.1.20020712102746.00a6d040@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

Thank you to all who responded to my question about hard-to-see antenna wire.

The "winner" in number of recommendations (4) is light gray. Runner up with 2 recommendations is black.

Four respondents recommend a mottled paint job to break up the straight-line pattern - light blue and white were suggested for a sky background, black and other dark colors for foliage.

For my application, I think I'll start with a gray wire. If the trees around here weren't so happy to dance when the wind blows I'd split apart a piece of ribbon cable and use that, but I'll probably end up with a 22 ga. stranded with gray insulation.

Again, thanks for your help!

Dave

-----  
"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Fri, 12 Jul 2002 10:52:15 -0400  
From: "Steve Lawrence" <Steve.Lawrence@itwfeg.com>  
To: WD8CIV@worldnet.att.net  
Cc: qrp-1@lehigh.edu  
Subject: [129640] Re: invisible wire summary  
Message-ID: <0F42E4F8DA.1BA83C68-0N85256BF4.00510F4F-85256BF4.0051AF76@itwfeg.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dave,  
You might check out several products from "the wireman"...  
<http://www.thewireman.com/wire.html#antenna>

In particular, look at #534 -- a #26 gage consisting of 19 strands of copper clad steel, black polyethylene insulation. A similar product is available at:

<http://www.davisrf.com/ham1/flexweve.htm>  
look for MW534.

No connections, etc., etc.,....

Steve

aa8af

David Hinerman <WD8CIV@worldnet.att.net>  
Sent by: owner-qrp-l@Lehigh.EDU  
07/12/2002 10:36 AM  
Please respond to WD8CIV

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
cc:  
Subject: invisible wire summary

Folks,

Thank you to all who responded to my question about hard-to-see antenna wire.

The "winner" in number of recommendations (4) is light gray. Runner up with 2 recommendations is black.

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Again, thanks for your help!

Dave

-----  
"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Fri, 12 Jul 2002 16:10:57 +0100  
From: David Heintzleman <pstrdave@kdsi.net>  
To: gdslagel@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [129641] Re: Multi-band vertical fed with ladderline: radials  
Message-ID: <3D2EF181.FB723BA0@kdsi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks for post, similar stuff here - the vee was/is better, more a function of it being a double extended zepp for 20 mtrs, some gain there.

73, Dave K8BBM

Gary Slagel wrote:

>  
> > If I remember, There is a design in several books  
> > showing a vertical quarter wave for 40m with a  
> > horizontal wire at its base, also a quarter wave on  
> > 40m, and the whole mess fed with 450ohm line. A 40m  
> > dipole with one half vertical, no radials and 10m to  
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> FYI -  
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>  
> Hope this is interesting to someone!  
>  
> 73, Gary  
>  
> =====  
> Gary Slagel/N0SXX  
> Conifer, CO 80433  
> gdslagel@yahoo.com  
> Personal Website: <http://members.fortunecity.com/gdslagel>  
>  
> -----  
> Do You Yahoo!?  
> Sign up for SBC Yahoo! Dial - First Month Free  
> <http://sbc.yahoo.com>

-----  
Date: Fri, 12 Jul 2002 15:06:22 +0000  
From: "Leon Heller" <[leon\\_heller@hotmail.com](mailto:leon_heller@hotmail.com)>  
To: WD8CIV@worldnet.att.net, [qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)  
Subject: [129642] Re: invisible wire?  
Message-ID: <F173hMFzKNvWuUg8pNS00011e2f@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: David Hinerman <[WD8CIV@worldnet.att.net](mailto:WD8CIV@worldnet.att.net)>  
>Reply-To: [WD8CIV@worldnet.att.net](mailto:WD8CIV@worldnet.att.net)  
>To: "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
>Subject: invisible wire?  
>Date: Fri, 12 Jul 2002 08:14:34 -0400  
>  
>Folks,  
>  
>What's your favorite color for a semi-permanent wire antenna that needs to  
>be as hard to see as possible?  
>  
>I have a tree on each side of my house and more trees at the back of the  
>lot. I'm thinking of hanging a bent dipole among them, with the feedpoint  
>in one of the trees. The wire from that tree to the back of the lot is less  
>of a problem in terms of street visibility, but the wire over the top of  
>the house will parallel the street.  
>

>I'm thinking a light blue or gray wire might be best, but I wanted to hear  
>what the "been there, done that" people have to say.

It might be worth looking at the literature on camouflage. Varying the colour randomly along the wire should make it even more difficult to see. Putting random wiggles into the wire would help, as well, but would be difficult to implement. Green is not very visible, which is why armies tend to use drab olive for painting things, in Europe, at any rate. I think that's why green paint on cars is thought to be unlucky; other drivers tend not to see them, especially in conditions of poor visibility.

Alternatively, hang bunting from it with coloured lights at night and tell people you are celebrating something. They might think you are a nutter, but they won't think its an antenna. 8-)

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com

My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

My low-cost Altera Flex design kit: <http://www.leonheller.com>

-----  
Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

-----  
Date: Fri, 12 Jul 2002 09:25:13 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,  
Low Power Group <qrp-l@lehigh.edu>  
Subject: [129643] Fox - Summer Hunt Teams Results  
Message-ID: <Pine.LNX.4.33.0207120919170.25512-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #1 - N0RC - a " \* " besides the call means a pelt bagged.

The NE-TX Tornados -

The Raiders of the Lost RF - 3

George - W5YR

Rob - VE6JAZ

Doc - W5TB

Dan - VE6EX \*

Eric - NM5M

Fred = VE3FAL \*

Don - K5DW

Earl - VA6RF

Mike - KD5KXF

Bruce - VE5RC \*

The Piggie Team -

The Cheeseheads - 4

Jim - KJ0C

Craig - VE4WI

Dave - WR50

Jim - WA9TZE \*

Randy - W9HL

Glenn - WE9K \*

Wayne - K9DI

Lon - W9XU \*

Diz - W8DIZ

Rick - NK9G \*

The Cajun Thunder - 3

The Swamp Rats - 2

Wayne - K5E0A \*

ET - N1FN

Jim - N5IB \*

Doc - K0EVZ

Vern - AA50

Paul - K4FB \*

Wayne - N5YFC \*

Dennis - N4DD

Tom - AC5JH

Tom - N1TP \*

The p-Shooters - 3

Jason - K0IIN

Gary - NQ7T

Jim - KC1FB \*

Tony - KB9YIG \*

Todd - N9NE \*

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----

Date: Fri, 12 Jul 2002 09:32:52 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,  
Low Power Group <qrp-l@lehigh.edu>  
Subject: [129644] Fox - Summer Hunt Teams Results.  
Message-ID: <Pine.LNX.4.33.0207120925320.25512-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #1(b) - N4DD -

The NE-TX Tornados - 5

George - W5YR \*  
Doc - W5TB \*       Clean  
Eric - NM5M \*       Sweep  
Don - K5DW \*  
Mike - KD5KXF \*

The Raiders of the Lost RF - 8

Rob - VE6JAZ \*  
Dan - VE6EX \*       Clean  
Fred = VE3FAL \*     Sweep  
Earl - VA6RF \*  
Bruce - VE5RC \*

The Piggie Team - 3

Jim - KJ0C  
Dave - WR50 \*  
Randy - W9HL \*  
Wayne - K9DI \*  
Diz - W8DIZ

The Cheeseheads - 9

Craig - VE4WI \*  
Jim - WA9TZE \*       Clean  
Glenn - WE9K \*       Sweep  
Lon - W9XU \*  
Rick - NK9G \*

The Cajun Thunder - 6

Wayne - K5E0A \*  
Jim - N5IB \*  
Vern - AA50  
Wayne - N5YFC \*  
Tom - AC5JH

The Swamp Rats - 6

ET - N1FN  
Doc - K0EVZ \*  
Paul - K4FB \*  
Dennis - N4DD \*  
Tom - N1TP \*

The p-Shooters - 6

Jason - K0IIN  
Gary - NQ7T  
Jim - KC1FB \*  
Tony - KB9YIG \*  
Todd - N9NE \*

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Fri, 12 Jul 2002 09:24:17 -0700  
From: "Gary Evans" <myrthus@email.msn.com>  
To: "QRP-L Discussion" <qrp-l@lehigh.edu>  
Subject: [129645] Ft Tuthill  
Message-ID: <006601c229c0\$93058f70\$559c393f@default>

Is there a website giving information on this year's Ft Tuthill hamfest?  
Thanks...Gary - AA6R

-----  
Date: Fri, 12 Jul 2002 12:27:02 -0400  
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>  
To: <qrp-l@lehigh.edu>  
Subject: [129646] Iota's last night  
Message-ID: <6579C6377F475547985F0B3E426E162614068A@0CCLUST01EVS1.ugd.att.com>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: quoted-printable

Hi all  
I was playing around on my deck last night. Wonderful night, no bugs at =  
least until=20  
well after sundown. I had the Ft817 on twenty meters, I hear some CQ's, =

listen a few times.

I hear NA143, so I toss out my call, toss again, and again. Look at the =  
power out, shows 2.5W. So I set it so it is blinking, that is 5W right, =  
and way toss it out again. Get an answer, two repeats and it is in the =  
log. Galveston Island NA143 in the book neat. About 5 minutes later I =  
hear NA046, so I call again, first time I get Martha Vineyard in the =  
log. Wow am I happy. Now get this, I was using the Miracle Whip antenna =  
with no counter poises.=20

I bought this MW from the web as a thing to play with. I still plan on =  
using some counter poises later, I want to put a dipole up for twenty =  
meters and attach it to the other antenna connector to switch between =  
just to see what the difference is to my ears.=20

Last night at my location twenty was kind of noisy with and without the =  
power supply. Not much diffence so I used the power supply just for fun.

I am not saying the MW is any kind of good antenna, but it did make two =  
back to back contacts, better than no antenna at all. Now in an =  
emergency and crowed band, I don't know.

A place for everything and everything in its place I guess.

Marty Hartwell kd8bj  
AT&T Columbus Ohio  
PH:614-501-2503

-----  
Date: Fri, 12 Jul 2002 12:36:38 -0400  
From: "Mullin, Edward J." <mulline@tycoelectronics.com>  
To: "'QRP'" <qrp-1@lehigh.edu>  
Subject: [129647] slow code net?  
Message-ID: <F1C60F6146F4DF4B902254ECAC17271D6A04DB@us358mx00>  
MIME-Version: 1.0  
Content-Type: text/plain

Does anyone know if there is a slow code net on 40 mtrs? (novice band)  
I'm located in the NE (New Hampshire) and am looking for some practice code  
work. ( I would like to get it better than 8 wpm!!)

If not would some one like to set one up?

73 de KB1HYS

> Edward Mullin  
>

-----  
Date: Fri, 12 Jul 2002 09:38:42 -0700 (PDT)  
From: Bill ROWLETT <kc4atu@yahoo.com>  
To: qrp-1@lehigh.edu  
Subject: [129648] kassas city  
Message-ID: <20020712163842.44329.qmail@web14201.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Well folks, I will be in K.C. from monday night to friday night. Wife has a convention and I'm going for the ride. Have four days to play. Any candy stores around and what are the best 2m repeaters. Would love to meet some of the local QRPers. Leaving Va sunday am.

73, and thanks

Bill    kc4atu

-----  
Do You Yahoo!?  
Sign up for SBC Yahoo! Dial - First Month Free  
<http://sbc.yahoo.com>

-----  
Date: Fri, 12 Jul 2002 11:01:32 -0700 (PDT)  
From: Jim Cluett <w1pid@yahoo.com>  
To: qrp-1@lehigh.edu  
Subject: [129649] Riddle me a Rock-Mite  
Message-ID: <20020712180132.30164.qmail@web11601.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I bet Dave could be persuaded to give away one more Rock-Mite... to the person who can Riddle a Rock-Mite. A motto, a slogan, a riddle... something like:

"Never take a Rock-Mite for granite."

or

"How many rocks might a Rock\_Mite rock if a Rock-Mite might rock mites?"

or

"There once was a rookie Rock-Miter  
who thought the front end could be tighter..."

Oh heck, you finish it.

Jim w1pid@arrl.net

-----  
Do You Yahoo!?  
Sign up for SBC Yahoo! Dial - First Month Free  
<http://sbc.yahoo.com>

-----  
Date: Fri, 12 Jul 2002 12:12:46 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qRP-L@lehigh.edu  
Subject: [129650] FOX-- Last Night's Hunt  
Message-ID: <3D2EC7BE.7125.53D4D3@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Hi, Guys--

Great hunt, despite patchy conditions.... and I do mean patchy. There wasn't any expected area of the country that didn't put in an appearance, including all four geographical corners and AK (thanks Jim!). But it was pretty variable and as others have observed there might have been propagation to a particular spot for a matter of a minute or so. I was rotating the beam about half the time, which is unusual. There were a couple times when I could hear someone trying but just could not dig it out.

I had planned to use the OHR 500 but ended up with the FT920 because the 500 is out on loan. Don't know how I could have forgotten that, but I actually reached out to turn it on and was shocked to find it missing!. The antenna was the Force 12 C4 at about 40', but I did switch to the GAP Titan vertical from time to time. The one trick I forgot (which I will try to remember next time!) was to put up a low dipole in the hopes of some NVIS.

A rough count shows around 65 pelts in the log, and I'll get it punched up and posted this weekend sometime. Hey, here's another way the fox hunts are like DX-- the paperwork is a lot more demanding than the actual operation [g].

I had fun, and hope you did too, and I'm looking forward to next time!



73

Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382

--

-----  
Date: Fri, 12 Jul 2002 13:30:10 -0400  
From: "Jeff Davis" <ke9v@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [129651] YAFI-QQ  
Message-ID: <001501c229c9\$c82c31a0\$3bec540c@c>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just had a long, leisure lunch with a margarita in one hand and the new  
QrpQuarterly in the other (it is TGIF you know!).

YAFI - Yet Another Fine Issue is becoming a common refrain when discussing  
the QQ. I especially enjoyed the Arkiecon and FDIIM reports. Congrats to all  
the folks who work behind the scenes to make it look like QRP-ARCI is a  
million dollar operation!

Keep up the outstanding work!

--

72 de Jeff, KE9V

-----  
Date: Thu, 11 Jul 2002 21:55:57 +0200  
From: "Juanjo Pastor" <ec5aca@wanadoo.es>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [129652] Ugly weekender

Message-ID: <000301c229d2\$91e6fae0\$3d796750@fer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hello gang,

Greetings from Spain. I am looking for a whole schematic for the "Ugly weekender" transmitter. It would be even better with the full article. A pdf or scanned images would be just fine. Can you help me? TIA.

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742,  
QRP-L #1662.

Juanjo Pastor  
C/San Roque, 4-1=BA  
46460 Silla  
SPAIN

e-mail: ea5chq@wanadoo.es  
Tel.: +034 96 120 17 67  
Movil: 651 35 35 11

-----  
Date: Fri, 12 Jul 2002 11:47:46 +0200  
From: "Juanjo Pastor" <ec5aca@wanadoo.es>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [129653] Zack Lau DC tribander  
Message-ID: <000501c229d2\$9336ac60\$3d796750@fer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hello again,

I am also looking for info about a triband (18, 21 and 24) HF DC transceiver designed by QRP-L member Zack Lau. Unfortunately I have not found Zack's e-mail address with his "new" call (I guess it will be something like call@arrl.org). I am looking for the full article with schematic and circuit description. I am designing a 15 meter DC transceiver and want to see the high HF band tricks that Zack used. Again a pdf or scanned images will do the trick. TIA.

And please send it to my address in the signature, ea5chq@wanadoo.es

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742,  
QRP-L #1662.

Juanjo Pastor  
C/San Roque, 4-1=BA  
46460 Silla  
SPAIN

e-mail: ea5chq@wanadoo.es  
Tel.: +034 96 120 17 67  
Movil: 651 35 35 11

-----  
Date: Fri, 12 Jul 2002 15:01:29 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [129654] Re: Riddle me a Rock-Mite  
Message-ID: <5.1.0.14.1.20020712145949.00a69080@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Jim,

I don't know about a slogan, but I suspect he'll have to get Bob Seger to  
sing the theme song: "Like a Rock."

Dave

At 11:01 AM 7/12/2002 -0700, you wrote:  
>I bet Dave could be persuaded to give away one more  
>Rock-Mite... to the person who can Riddle a Rock-Mite.  
>A motto, a slogan, a riddle... something like:

-----  
"You can fool some of the people all of the time. That's enough to make a  
living." - Lance Burton  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net  
  
-----

Date: Fri, 12 Jul 2002 15:42:16 -0400  
From: "Ronald Davis" <RDavis24@carolina.rr.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [129655] Does anybody have 40 meter crystals for sale?  
Message-ID: <003f01c229dc\$3a88e830\$a13e4a18@your318ruqz03z>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello

I want to build a Pixie 2 Manhattan style and need some crystals for 40 meters. I also need some holders, I am having a hard time finding some for 7.040 and the Novice part of the band? Let me know if you have any for sale. Getting ready for Daves Rock Mite also  
Thanks  
Ronnie

-----  
Date: Fri, 12 Jul 2002 15:56:26 -0400  
From: "Alverson, Thomas M." <TomA@xetron.com>  
To: "'RDavis24@carolina.rr.com'" <RDavis24@carolina.rr.com>,  
"'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [129656] RE: Does anybody have 40 meter crystals for sale?  
Message-ID: <7D72C1B2F7A3D21191F8006097149AC002D8E6E9@s3.xetron.com>  
MIME-Version: 1.0  
Content-Type: text/plain

Ocean State Electronics has them for ten bucks:

[http://www.oselectronics.com/ose\\_p33.htm](http://www.oselectronics.com/ose_p33.htm)

-----Original Message-----

From: Ronald Davis [mailto:RDavis24@carolina.rr.com]  
Sent: Friday, July 12, 2002 3:42 PM  
To: Low Power Amateur Radio Discussion  
Subject: Does anybody have 40 meter crystals for sale?

Hello

I want to build a Pixie 2 Manhattan style and need some crystals for 40 meters. I also need some holders, I am having a hard time finding some for 7.040 and the Novice part of the band? Let me know if you have any for sale. Getting ready for Daves Rock Mite also Thanks Ronnie

Date: Fri, 12 Jul 2002 14:00:45 -0600  
From: w0yse@juno.com  
To: QRP-L@lehigh.edu  
Subject: [129657] MFJ-971 TUNER MOD.  
Message-ID: <20020712.140047.-311909.0.w0yse@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gang,

For those who have an MFJ-971 tuner (or the like), you might be interested in a modification I just made that allows the tuner to work on 160 meters with my 133 foot HB Windom antenna. Before this modification I could not get the antenna to load up on 160 meters.

I discovered that it was necessary to increase the capacitance on the antenna capacitor by about 550 picofarads. So I added two SPST micro-switches (RS# 275-624a) so that I could switch-in two capacitors. One capacitor is 200 pf and the other is 400 pf. Thus I have continuous coverage from a few pf (with the switches open) to 800 pf. if both are closed. I can add 200 or 400 or 600 pf (both sw closed) to the antenna side of the T-network.

Altho I did the same thing to the transmitter side of the tuner, it turned out that I did not need more capacitance on that side of the circuit for this particular antenna.

Another thing I discovered was that the entire coil was not being used because the top tap of the coil was not at the end of the final turn of the coil. I also moved this connection and now have an additional 9/10 of a turn on the coil.

Hope someone can benefit from this.

72 to all  
Neil Klagge, w0yse in Layton Utah

---

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<http://dl.www.juno.com/get/web/>.

---

Date: Fri, 12 Jul 2002 12:13:10 -0800

From: Jim Larsen - AL7FS <AL7FS@arrl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [129658] Re: Does anybody have 40 meter crystals for sale?  
Message-ID: <3D2F3856.C4617A39@ARRL.NET>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

<http://www.fix.net/~jparker/norcal/kits/kits.htm>

The NorCal standard offer Crystals

Norcal has made a special purchase of crystals.

Crystals are in HC49U holders and are available in the following frequencies:

7.122Mhz - 40 meter Novice band

7.040Mhz - 40 meter QRP Frequency

Crystals are \$3.00 each postpaid. DX add \$2.00 postage.

Send check or money order made out to Doug Hendricks, NOT NorCal.

Doug Hendricks  
862 Frank Ave.  
Dos Palos, Ca 93620

Although I think Doug is out of town right now.

73, Jim, AL7FS

> -----Original Message-----  
> From: Ronald Davis [mailto:RDavis24@carolina.rr.com]  
> Subject: Does anybody have 40 meter crystals for sale?  
    need some crystals for 40 meters.

-----

Date: Fri, 12 Jul 2002 13:57:34 -0400  
From: "Walt Amos" <k8cv@netzero.net>  
To: <k5xu@netdoor.com>  
Cc: "Qrp-L Mail" <qrp-l@lehigh.edu>  
Subject: [129659] Re: Carolina Windom 80 Wanted  
Message-ID: <000001c229e9\$93b18a40\$6f9c9840@waltamos>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have 2 ( two ) , one all beat up. \$50 bucks plus about \$7 shipping for that one. Other one almost new, \$75 plus \$7 for that one.

You would be MUCH better off with a parallel dipole or G5RV and a tuner !  
They work but the VERTICAL part picks up ALL KIND'S OF LINE NOISE . Coax fed dipole for the same band in the same location is QUIET !

Buyer beware !

Walt K8CV Royal Oak, MI

----- Original Message -----

From: Mike Duke, K5XU <k5xu@netdoor.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Thursday, July 11, 2002 10:41 PM  
Subject: Carolina Windom 80 Wanted

> If you have one available in reasonable condition, etc, please contact me.  
>  
>  
> Mike Duke, K5XU  
> American Council of Blind Radio Amateurs  
>  
>  
>

-----  
Introducing NetZero Long Distance  
Unlimited Long Distance only \$29.95/ month!  
Sign Up Today! [www.netzerolongdistance.com](http://www.netzerolongdistance.com)

-----  
Date: Fri, 12 Jul 2002 14:19:15 -0700  
From: "blinn" <blinn@smgazette.com>  
To: <RDavis24@carolina.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [129660] Re: Does anybody have 40 meter crystals for sale?  
Message-ID: <000801c229e9\$c823bfa0\$9f8aa242@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The following information is from the NorCal Website:

<http://www.fix.net/~jparker/norcal/kits/kits.htm>

"Norcal has made a special purchase of crystals."

"Crystals are in HC49U holders and are available in the following frequencies:

7.122Mhz - 40 meter Novice band

7.040Mhz - 40 meter QRP Frequency"

Crystals are \$3.00 each postpaid. DX add \$2.00 postage.

Send check or money order made out to Doug Hendricks, NOT NorCal.

Doug Hendricks  
862 Frank Ave.  
Dos Palos, Ca 93620

---

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.365 / Virus Database: 202 - Release Date: 5/24/02

--

-----

Date: Fri, 12 Jul 2002 14:59:33 -0700

From: Conrad Weiss <radman@best.com>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [129661] RE: Does anybody have 40 meter crystals for sale?

Message-ID: <01C229B4.BC590D40@209-162-48-220.thegrid.net>

Gang,

Just an FYI...

NorCal has 40 meter crystals, as some have noted, but Doug Hendricks is on vacation 'til ~ Aug 8th. I'm sure you'd be welcome to send him orders for crystals or BLTs, but you're probably looking at mid August to receive your goods.



[Could be that someone is processing orders in his absence, but I've not heard of it.]

The web page & order info is contained in the prior posts on this thread.

Best,

Conrad Weiss  
NN6CW

-----  
From: Ronald Davis[SMTP:RDavis24@carolina.rr.com]  
Sent: Friday, July 12, 2002 12:42 PM  
To: Low Power Amateur Radio Discussion  
Subject: Does anybody have 40 meter crystals for sale?

Hello  
I want to build a Pixie 2 Manhattan style and need some crystals for 40 meters. I also need some holders, I am having a hard time finding some for 7.040 and the Novice part of the band? Let me know if you have any for sale.  
Getting ready for Daves Rock Mite also  
Thanks  
Ronnie

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End of QRP-L Digest 2614  
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